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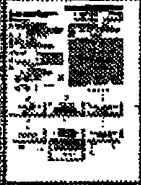
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## JP10270826A2: MANUFACTURE OF PRINTED WIRING BOARD

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**YASUDA MASAYUKI**  
**SONY CORP**  
**Oct. 9, 1998 / March 21, 1997**  
**JP1997000068383**  
**H05K 003/06; H05K 001/09**




**Abstract**  
**Problem to be solved:** To form a thin wiring in a simple environment by removing a prescribed part of a resist film by laser abrasion after the resist film showing a resistance to etching is formed on metal foil to serve as conductors and successively resolving the resist and wet-etching the metal foil.  
**Solution:** After an etching resist 3 is formed on metal foil, the etching resist is removed by projecting a laser beam 4 upon the conductor removing part of the laminated body from the resist 3 side. Then a desired wiring board is obtained by performing etching on the substrate with resolved resist thus obtained. The resolved resist is stripped off by using a stripping-off solution. Therefore, a printed wiring board can be manufactured in a simple environment without paying attention to the influence of dust, etc.  
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**Foreign References**  
none  
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(19)

(11) Publication number: **10**

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# PATENT ABSTRACTS OF JAPAN

(21) Application number: **09068383**

(51) Intl. Cl.: **H05K 3/06 H05K 1/09**

(22) Application date: **21.03.97**

(30) Priority:

(43) Date of application  
publication: **09.10.98**

(84) Designated contracting  
states:

(71) Applicant: **SONY CORP**

(72) Inventor: **YASUDA MASAYUKI**

(74) Representative:

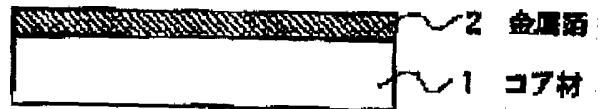
## (54) MANUFACTURE OF PRINTED WIRING BOARD

(57) Abstract:

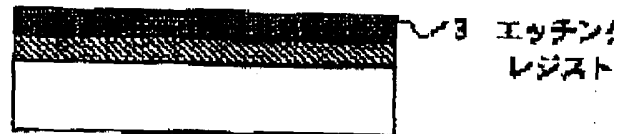
**PROBLEM TO BE SOLVED:** To form a thin wiring in a simple environment by removing a prescribed part of a resist film by laser abrasion after the resist film showing a resistance to etching is formed on metal foil to serve as conductors and successively resolving the resist and wet-etching the metal foil.

**SOLUTION:** After an etching resist 3 is formed on metal foil, the etching resist is removed by projecting a laser beam 4 upon the conductor removing part of the laminated body from the resist 3 side. Then a desired wiring board is obtained by performing etching on the substrate with resolved resist thus obtained. The resolved resist is stripped off by using a stripping-off solution. Therefore, a printed wiring board can be manufactured in a simple

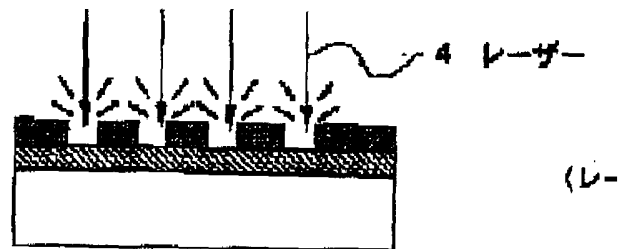
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environment without paying  
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